

NWS CHANGE FORM PART A			1. DATE SUBMITTED 4/24/2000
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE Office of Meteorology	3. SUBMITTING AUTHORITY Name: Greg Mandt Routing Code: OM	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Joanne Swanson Routing Code: W/OM22 Phone: 301-713-0462x130	5. ORIGINATOR TRACKING NUMBER
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____			7. WSH TRACKING NUMBER NWS 584 4/28/00
8. TITLE OF CHANGE Provide IFPS and CRS formatter support for use of concatenated voice in CRS.			
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) Glasgow, MT (GGW) and Fort Worth, TX (FWD)	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) The CRS system is implementing a new, optional voicing technology (concatenation) that requires a predefined vocabulary. Initially, this new voicing technology will be used for watches, warnings and advisories only. The AWIPS formatters must be able to use a template including phrases and words from the pre-defined library to create the NWR broadcast text for these products. This capability will be alpha-tested at two sites in the summer of 2000. Design approaches and strategies can be worked out further during this testing period.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Define templates for use with concatenation - short-fused bullet-format based as well as long-fused segment-based formats must be supported. Free text may optionally be marked as such and not handed to the concatenation engine. Header for CRS must contain "C" in active/inactive field, which must be supported in NWR formatters.			
13. ALTERNATE SOLUTIONS Provide an internal reference library for each phrase used in an office (office definable). Once the complete library has been reproduced in the concatenation engine (recorded), the office will begin using the concatenation option.			
14. REQUIRED CHANGE DATE 6/2000 (alpha)	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Two prototype sites were chosen to test this capability, and will begin testing in June 2000.		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	

NWS CHANGE FORM

PART A - DATA PRODUCTS SUPPLEMENT

2. WSH TRACKING NUMBER

3. AWIPS ID	4. AFOS PIL	5. WMO HEADER	6. ADD	7. SEAS	8. CHAR	9. FREQUENCY	10. NWSTG DISTR	11. AFOS
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[illegible]

15. COMMS ID	16. N. LATITUDE	17. W. LONGITUDE	18. ELEV
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20. PRODUCT SOURCE	
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TE	C. ISSUE DATE
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C. ISSUE DATE

NWWS

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 584	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with Release 5.0			AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)			AMOUNT
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) SST will put the executables and installation instructions on the NOAA1FTP server.			AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations			AMOUNT unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) N/A		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE The change is to be implemented at the 2 sites by June/2000		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.)		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.)		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) None	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.)			

NWS CHANGE FORM

2. WSH TRACKING NUMBER
NWS 584

3. ITEM NAME,
CIRCUIT TYPE,
SOFTWARE VERSION,
OR SITE LOCATION

5. SUPERSEDED ITEM OR CONFIGURATION

B. SERIAL NUMBER(S) OR COMMENTS	
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7. DOC
TYPE

A. IDENTIFIER

A. IDENTIFIER

TBD

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER NWS 584	
3. CCB COST EVALUATION			
NWS COST \$	FAA COST \$	DOD COST \$	OTHER AGENCY COST \$ (SPECIFY) _____
TOTAL COST \$			
4. IMPLEMENTATION DOCUMENTS REQUIRED			
<input checked="" type="checkbox"/> Engineering Modification Note <input checked="" type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify) _____			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED	6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
A. Post WWA software on the NOAA1 FTP server	6/2000	Thigpen/SST, W/APO3	N/A
B. SST will notify sites that the change is available for download.	6/2000	Thigpen/SST, W/APO3	N/A
C. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWS 584) in Block 17a of the EMRS report.	6/2000	ESA at GGW, ESA at FWD.	
D. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes.	7/2000	DeTomaso, W/OSO113	